

## Title (en)

HERBICIDAL COMPOSITION COMPRISING PINOXADEN AND FLUROXYPYRESTER, AND METHODS OF USE THEREOF

## Title (de)

HERBIZIDZUSAMMENSETZUNG MIT PINOXADEN UND FLUROXYPYRESTER SOWIE VERWENDUNGSVERFAHREN DAFÜR

## Title (fr)

COMPOSITION HERBICIDE COMPRENANT DU PINOXADEN ET D'ESTERS DU FLUROXYPYR ET SES PROCÉDÉS D'UTILISATION

## Publication

**EP 2704562 A2 20140312 (EN)**

## Application

**EP 12713745 A 20120413**

## Priority

- US 201161483269 P 20110506
- EP 2012056766 W 20120413

## Abstract (en)

[origin: WO2012152527A2] The invention provides a liquid herbicidal composition in the form of an emulsifiable concentrate, comprising a mixture of: (i) pinoxaden; (ii) a C1 -C12alkyl ester or a 2-(C1-C6alkoxy)C2-C4alkyl- ester of fluroxypyr; and (iii) a built-in phosphate and/or phosphonate adjuvant as defined herein; preferably tris- (2-ethylhexyl) phosphate. The invention also provides a method for controlling and/or inhibiting the growth of weeds from the genus Kochia, comprising applying a liquid herbicidal composition to these weeds or to their locus, at a time after emergence of the weeds, wherein the liquid herbicidal composition comprises a mixture of: (i) pinoxaden; (ii) a ester of fluroxypyr; and (iii) a built-in phosphate and/or phosphonate adjuvant as defined herein. The invention also provides methods for controlling and/or inhibiting dicotyledonous and/or broadleaf weeds, preferably weeds from the genus Kochia, Polygonum, Fallopia, Salsola, Descurainia, Helianthus, Lactuca, Solanum, Sinapsis, Amaranthus, Brassica, Chenopodium and/or Fagopyrum. The invention also provides a liquid herbicidal composition, which has herbicidal activity against a broad spectrum of broadleaf weeds, comprising a mixture of: (i) pinoxaden; (ii) an ester of fluroxypyr; and either (a) pyrasulfotole, and bromoxynil or an ester thereof; or (b) MCPA or an ester thereof, and a fourth herbicide which is florasulam, prosulfuron or triasulfuron.

## IPC 8 full level

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## C-Set (source: EP US)

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See references of WO 2012152527A2

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**WO 2012152527 A2 20121115; WO 2012152527 A3 20130228**; AR 086169 A1 20131127; AU 2012252747 A1 20130509; BR 112013028510 A2 20160809; CA 2835187 A1 20121115; CL 2013003168 A1 20140620; CN 103717063 A 20140409; EA 201301233 A1 20140829; EP 2704562 A2 20140312; IL 229240 A0 20140130; JP 2014513107 A 20140529; US 2014155265 A1 20140605; ZA 201308268 B 20140827

## DOCDB simple family (application)

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